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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,506	03/19/2004	Kenji Takahashi	5448-3	7667

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EXAMINER

NGUYEN, ANTHONY H

ART UNIT PAPER NUMBER

2854

DATE MAILED: 07/07/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/804,506

Applicant(s)

TAKAHASHI ET AL.

Examiner

Anthony H. Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 8-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8-14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Claim Rejections - 35 U.S.C. § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary

skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 8, 10-14 are rejected under 35 U.S.C. § 103 (a) as being unpatentable over Puschnerat (US 5,765,294) in view of Shiba et al. (US 5,524,805) and Lociacono (US 5,447,566).

With respect to claims 8, 11 and 14, Puschnerat teaches a rotary press having a printing unit 2 which includes at least one printing cylinder (no reference numeral reference, shown inside the printing unit), a paper guide roller 7 positioned between the printing unit and a dryer 4 disposed downstream of the printing unit. Puschnerat does not teach the drive unit coupled to the guide roller which has a diameter that is equal to the diameter of the printing cylinder. Shiba et al. teaches a drive unit (E) coupled to the guide roller (R) including means 21, 32 for synchronously driving the guide roller with the main drive speed of the printing press or the printing cylinder (Shiba et al., col. 5, lines 9-15). Lociacono teaches the paper coating or printing and drying machine having guide rollers 28, 32, 50, 52, 54 which appear to have diameters which are equal to the diameter of the applicator roller 46 as shown in Fig. 3 of Lociacono. In view of the teachings of Shiba et al. and Lociacono, it would have been obvious to one of ordinary skill in

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the art to modify the press of Puschnerat by providing the drive unit as taught by Shiba et al. and the guide roller as taught by Lociacono to permit more precise control the speed of the guide roller so that the guide roller can be synchronously rotated at the same peripheral speed of the printing cylinder. Also, note that while Lociacono teaches the Lociacono teaches the guide rollers having diameters which are substantially equal to the diameter of the applicator rollers, the selection of the desired diameter of the guide roller which is equal to a printing rollers would be obvious through routine experimentation for ensuring optimal print quality. With respect to claims 10 and 12, the use of the printing cylinder and guide roller which are replaceable is extremely conventional.

Claim 9 is rejected under 35 U.S.C. § 103 (a) as being unpatentable over Puschnerat in view of Shiba et al. and Lociacono as applied to claims 8 and 10-14 above, and further in view of Takao (JP 07-227952).

Puschnerat, Shiba et al. and Lociacono teach all that is claimed, except the plurality of paper feeders for supplying webs to the printing units which are disposed in line, and the plurality of webs which are bypassed the last printing unit that feeds a printed web directly into the dryer. Takao teaches a plurality of paper feeders 1(a) and 1 (b) which feeds a plurality webs 12 to the plurality of printing units 3(a-d) so as to bypass the last printing unit 3(h) which feed directly the printed web 11 into a dryer 4 as shown in Fig. 3 of Takao. In view of the teaching of Takao, it would have been obvious to one of ordinary skill in the art to modify the printing press of Puschnerat, Shiba et al. and Lociacono by providing the paper feeders and arranging the printing press as taught by Takao to improve the efficiency of printing on a plurality of webs.

Response to Arguments

Applicants' arguments filed on April 21, 2005 have been fully considered but they are not persuasive in view of the new ground(s) of rejections.

Conclusion

The patents to Aoki et al. and Jansen et al. are cited to show other structures having obvious similarities to the claimed structure.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

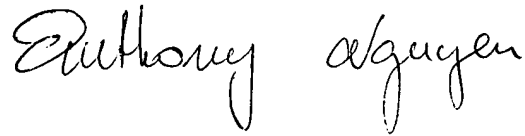
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anthony Nguyen whose telephone number is (571) 272-2169.

The examiner can normally be reached daily from 9 AM to 5PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld, can be reached on (571) 272-2168.

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The fax phone number for this Group is (703) 872-9306.

A handwritten signature in cursive script that reads "Anthony Nguyen".

Anthony Nguyen
7/5/05
Patent Examiner
Technology Center 2800